

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as shown below. A complete listing of the claims, including their current status, is set forth below.

1-37 **(Cancelled)**

38. **(Currently amended)** A cell-free composition comprising:

an isolated ~~a recombinant~~ Tankyrase H protein; and

a source of ADP ribose;

wherein said isolated ~~recombinant~~ Tankyrase H protein exhibits poly-ADP ribose polymerase activity and has an amino acid sequence that is at least 95% identical to the entire contiguous sequence of SEQ ID NO:3 or SEQ ID NO:4.

39. **(Previously presented)** The composition of claim 38, further comprising:  
a candidate bioactive agent.

40. **(Previously presented)** The composition of claim 39, wherein said candidate bioactive agent is an organic molecule of less than 2,500 Da.

41. **(Previously presented)** The composition of claim 39, wherein the candidate bioactive agent is a peptide.

42. **(Currently amended)** The composition of claim 38, wherein said composition is a cell lysate ~~cellular composition comprising cells comprising:~~  
~~— a recombinant nucleic acid encoding said Tankyrase H protein.~~

43. **(Previously presented)** The composition of claim 38, wherein said Tankyrase H protein is a fusion protein.

44. **(Cancelled)**

45. **(Withdrawn)** A method of using the composition of claim 38, comprising:  
contacting the composition of claim 38 with a test agent; and  
determining any effect of said test agent on said poly-ADP ribose polymerase activity.

46. **(Withdrawn)** The method of claim 45, wherein said test agent is an organic molecule of less than 2,500 Da.

47. **(Withdrawn)** The method of claim 45, wherein the test agent is a peptide.